

001

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. UTU-65948	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
2. NAME OF OPERATOR J. M. Huber Corporation (303) 825-7900		7. UNIT AGREEMENT NAME N/A	
3. ADDRESS AND TELEPHONE NO. 1050 17th St., Suite 700, Denver, Co. 80265		8. FARM OR LEASE NAME WELL NO. Huber-ST/F* 2-12	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1445' FNL & 965' FWL 4405520H At proposed prod. zone Same 520942E		9. API WELL NO.	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 10 air miles NE of Helper		10. FIELD AND POOL, OR UNIT Undesignated Wildcat	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any) 1195'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 12-12s-10e SLBM	
16. NO. OF ACRES IN LEASE 2473.31		12. COUNTY OR PARISH Carbon	
17. NO. OF ACRES ASSIGNED TO THIS WELL 160		13. STATE UT	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2954'		20. ROTARY OR CABLE TOOLS Rotary	
19. PROPOSED DEPTH 5,300'		21. APPROX. DATE WORK WILL START* July 15, 2001	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7,265' ungraded			

PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-17/8"	K-55 8-5/8"	24	500'	~438 cu. ft. & to surface
7-7/8"	J-55 5-1/2"	17	5,300'	~1,255 cu. ft. & to surface

Huber-ST/F\* = Huber-Shimmin Trust/Federal

Well was moved 10' lower and 115' NNW of location staked for on site to reduce visibility, cuts, and fills. Alternate location preferred by BLM was denied by land owner due to his plans to plow under sagebrush and cultivate area.

Request exception because of topography and visibility. Exception is to quarter-quarter lines (125' and 355' instead of  $\geq 460'$ ), not to a well. Orthodox location would be higher on a hill.

Orthodox well could be drilled at 1780 FN & 860 FW 12-12s-10e, but it would be higher. Request permission to drill at 1445' FNL & 965' FWL 12-12s-10e. This is the only well in the quarter section. There are no producing wells within +2,000'. Wells (see Page 11) could be drilled in 8 offsetting units. Huber is owner of all drilling units and leases within minimum +1487' radius of proposed exception. This includes 6 of 8 directly or diagonally offsetting drilling units.

cc: BLM (M&amp;P), Scott, UDOGM

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Bradley G. Hill TITLE Consultant (505) 466-8120 DATE 1-19-01

(This space for Federal or State office use)

PERMIT NO. 43-007-30758

APPROVAL DATE

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Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

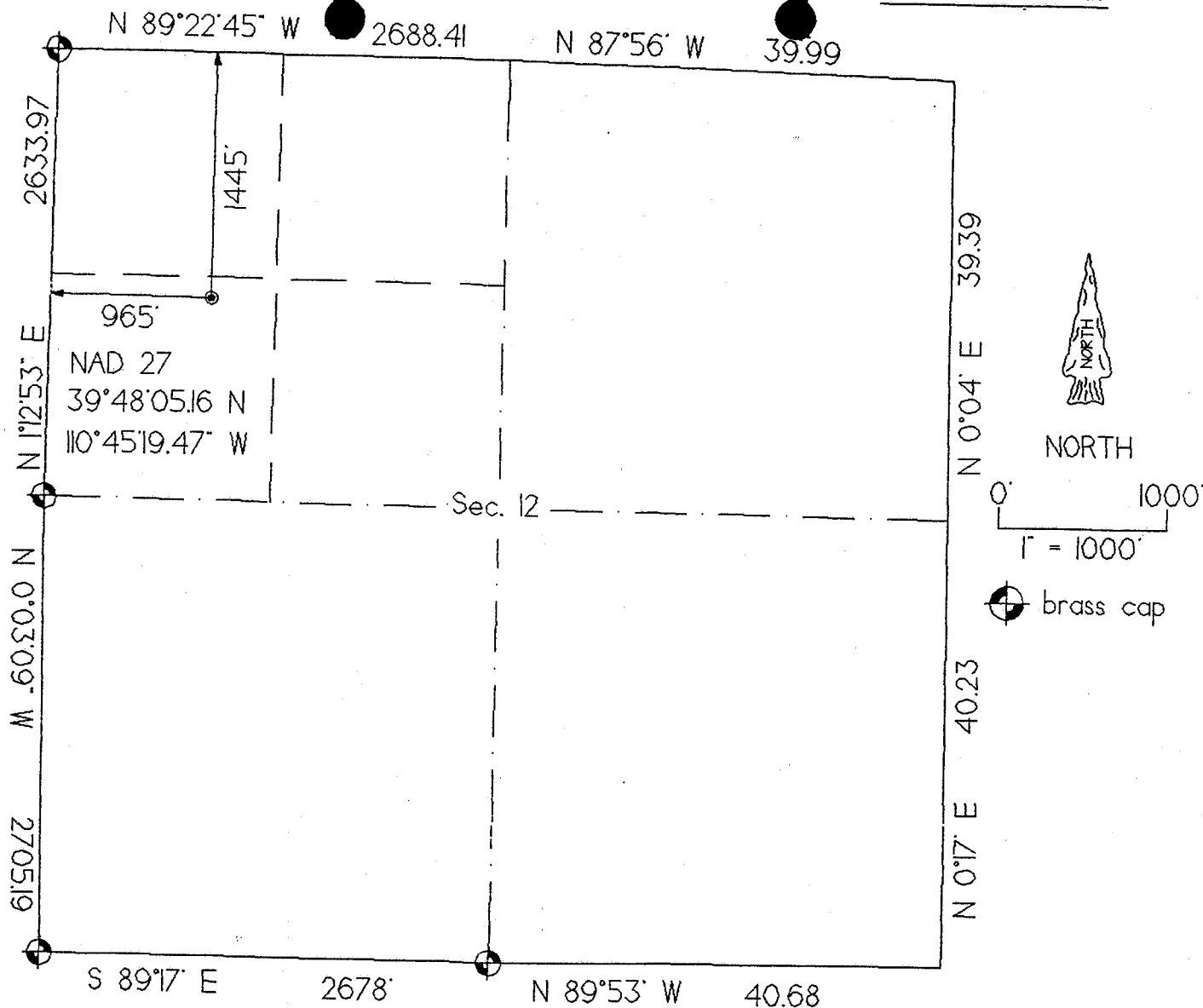
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY Bradley G. HillBRADLEY G. HILL  
RECLAMATION SPECIALIST III

\*See Instructions On Reverse Side

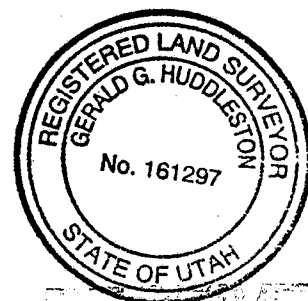
DIVISION OF  
OIL, GAS AND MINING

Well Location Plat



Well Location Description

J.M. HUBER CORPORATION  
 Huber - Shimmin/Federal 2-12  
 1445' FNL & 965' FWL  
 Section 12, T.12 S., R.10 E., SLM  
 Carbon County, UT  
 7265' grd. el. ( from GPS )



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17 August 2000

*Gerald G. Huddleston*  
 Gerald G. Huddleston, LS

JAN 23 2001

The above is true and correct to my knowledge and belief, DIVISION OF GAS AND MINING

HUDDLESTON LAND SURVEYING - BOX KK - CORTEZ, CO - (970) 565 -3330

J. M. Huber Corporation  
 Huber-Shimmin Trust/Federal 2-12  
 1445' FNL & 965' FWL  
 Sec. 12, T. 12 S., R. 10 E.  
 Carbon County, Utah

### Drilling Program

<u>1. Formation Name</u>	<u>Depth from GL</u>	<u>Depth from KB</u>	<u>Subsea Depth</u>
Colton Fm	0'	12'	+7,265'
Flagstaff Ls	50'	62'	+7,215'
North Horn Fm	500'	512'	+6,765'
Price River Ss	3,200'	3,212'	+4,065'
Castlegate Ss	3,650'	3,662'	+3,615'
Black Hawk Coal	3,950'	3,962'	+3,315'
Kenilworth Coal	4,650'	4,662'	+2,615'
Aberdeen Ss	5,050'	5,062'	+2,215'
Total Depth	5,300'	5,312'	+1,965'

(All depths are based on a graded ground level of 7,265')

### 2. NOTABLE ZONES

Blackhawk, Kenilworth, and Castlegate coals are the goals. No other oil or gas zones are expected. Flagstaff, North Horn, and coal zones are anticipated water zones.

### 3. PRESSURE CONTROL (Also see "5." on PAGE 2)

A  $\approx 10"$  x 2,000 psi double ram BOP with 2,000 psi choke manifold will be used from bottom of surface casing to TD. (A typical 2,000 psi BOP is on Page 3. Actual model will not be known until the bid is let.) BOP system will be tested to 70% of the minimum internal yield before drilling the surface casing shoe. Tests will be recorded in the driller's log. BOPs will be inspected and operated daily to assure good mechanical working order.

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#### 4. CASING & CEMENTING

<u>Hole Size</u>	<u>O.D.</u>	<u>Weight</u>	<u>Grade</u>	<u>Type</u>	<u>Age</u>	<u>≈Setting Depth</u>
12-1/4"	8-5/8"	24	J-55	ST&C	New	500'
7-7/8"	5-1/2"	17	J-55	LT&C	New	5,300'

Surface casing will be circulated to surface with 365 sx Class G Premium + 2% CaCl<sub>2</sub> + Cello Flake. Weight = 15.6 ppg. Yield = 1.20 cu ft/sk. Excess = 100%

Long string will be cemented to surface with DV tool set at ≈3,800' (i.e., ≈200' above top of Castlegate coal). Actual volumes will be determined by caliper log.

First stage (≈3800' {=DV} to TD) of long string will be cemented with 285 sx Class G Premium + 1% Microbond + 0.3% CFR-3 + 3% Halad. Weight = 15.6 ppg. Yield = 1.20 cu ft/sk. Excess = 30%

Second stage lead (≈3750' {=50' above DV} to surface) of long string will be cemented with ≈455 sx Halliburton Lite w/ 65/35 poz mix + 2% CaCl<sub>2</sub>. Weight = 12.7 ppg. Yield = 1.87 cu ft/sk. Excess = 30%

Second stage tail (≈3750' {=50' above DV} to ≈4,000' {200' below DV}) of long string will be cemented with 50 sx Class G Premium + 2% CaCl<sub>2</sub> + Flocele. Weight = 15.6 ppg. Yield = 1.19 cu ft/sk. Excess = 30%

#### 5. MUD PROGRAM

Fresh water gel (weight = 8.3 to 8.7 ppg, viscosity = 40-55, fluid loss = NC) will be used from surface to ≈500. Fresh water gel with caustic (weight = 8.7 to 9.1 ppg, viscosity = 38-45, fluid loss = 10-20 cc) may be used from surface casing shoe to TD. Will also drill with air.

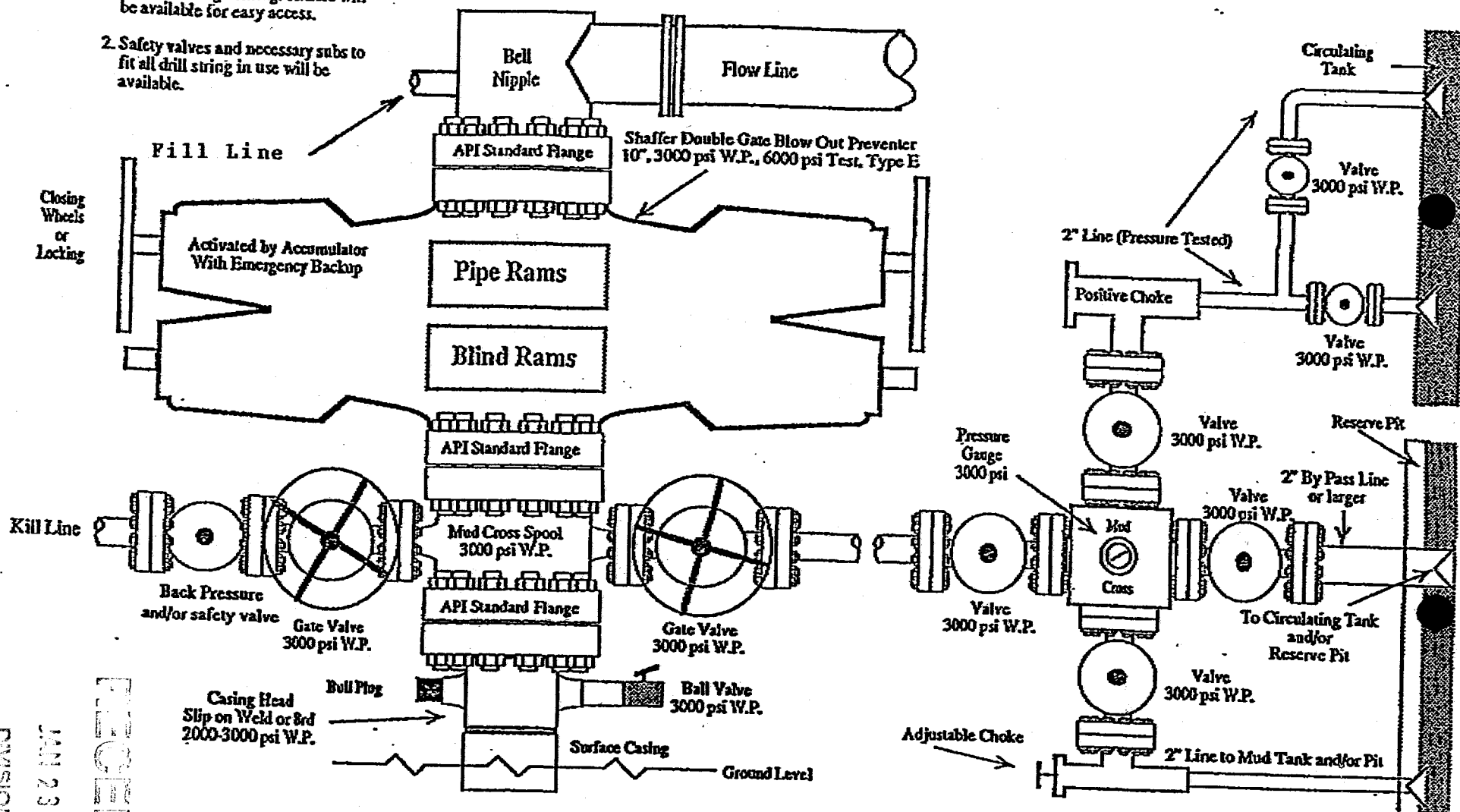
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# Pressure Control Equipment

Minimum 2" Choke Line.  
Minimum 2" Kill Line.  
At Least One 2" Minimum Kill Line Valve.

Note: 1. An upper Kelly cock valve will be utilized during drilling. Handle will be available for easy access.

2. Safety valves and necessary subs to fit all drill string in use will be available.



Note: This equipment is designed to meet requirements for a 2-M rating standard per 43 CFR part 3160 (amended). Proper operation and testing of equipment will be carried out per standard. 2,000 psi equipment can be substituted in the drawing to meet minimum requirements per standard.

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## 6. DATA GATHERING

First deviation survey will be run  $\approx 250'$  below BSC. Additional surveys will be run every 500' to TD. Deviation limit will be  $1^\circ/100'$  and a maximum of  $5^\circ$  at TD. If deviation exceeds  $4^\circ$ , will decrease WOB, increase RPM, and survey at 250' intervals until corrected. If deviation becomes severe ( $>5^\circ$ ), may use a fourth stabilizer and convert to a full packed BHA.

Mud loggers will be on site from  $\approx 1,500'$  to TD. They will have full chromatograph. Will collect samples every 30' from  $\approx 1,500'$  to  $\approx 2,500'$ . Will collect samples every 10' from  $\approx 2,500'$  to TD.

Will run following log suites:

HRI/DSN/SDL/GR (EVR Mode): 4000' to TD  
HRI/DSN/SDL/GR: BSC TO TD

## 7. DOWN HOLE CONDITIONS

Maximum anticipated bottom hole pressure is  $\approx 2,120$  psi. No abnormal pressures, temperatures, or hydrogen sulfide are expected.

## 8. MISCELLANEOUS

Projected spud date is July 15, 2001. It will take  $\approx 2$  weeks to drill the well and  $\approx 3$  weeks to complete the well.

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## Surface Use Plan

### 1. EXISTING ROADS & DIRECTIONS (See PAGES 9 & 10)

From the junction of US 6 and US 191 north of Helper, Utah ...  
Go NE 8.3 miles on US 191 to the equivalent of Milepost 165.75  
Then turn right and go S and E 0.8 mi. on the Emma Park/9 Mile Cutoff Road  
Then turn right and go SE 0.25 mi. on a field road  
Then bear left and follow flagging ENE 600' to the apex of a switch back  
(From the apex, 125' of existing road will be upgraded to the SE)  
From the apex, go NE 400' just above the old road to the ridge  
Once on the ridge, go ENE 200' along a flagged route to the 3-11 pad  
From the E side of the 3-11 pad, go NE 450' via flags to a downed fence  
Then bear right and follow an old road E 500' to a powerline road  
Then turn left and go NE 225' on the powerline road to a corral.  
Then turn right and follow the S side of a fence E 1150'  
Then bear right and go SW 125' on a flagged route to the 2-12 pad

### 2. ROAD TO BUILT OR UPGRADED (See PAGE 10)

The 2,450' of new or upgraded road from the 3-11 will be crowned and ditched with a 16' wide travel surface. One minimum 30" x 30' CMP culvert will be installed on the powerline road. If production results, then the new road will be graveled. Maximum disturbed width will not exceed 50'. Maximum grade is 7%. Maximum cut or fill will be 5'. No turnout, gate, or cattleguard is needed. No upgrading of the existing roads is needed.

### 3. EXISTING WELLS (See PAGE 10)

Seven P&A wells, one gas well, and two water wells are within a one mile radius. There are no existing oil, injection, or disposal wells within a one mile radius.

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Carbon County, Utah

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#### 4. PROPOSED PRODUCTION FACILITIES

Two buried pipelines ( $\approx 4"$  O.D. HDPE water line and a  $\approx 8"$  O.D. HDPE gas line) will be laid southwest for  $\approx 2,450'$  along the access road to Huber's proposed 3-11 well. Well site facilities will be painted a dark olive green color.

#### 5. WATER SUPPLY

Water will be trucked from existing water well (right #91-4983) at Huber's central production facility in Section 11 or from town for the first 1500' of well bore. Produced water from Huber's wells will be used below 1500'.

#### 6. CONSTRUCTION MATERIALS & METHODS (See PAGES 11-13)

Topsoil and brush will be stripped and stockpiled south of the pad. Diversion ditch will be built on the south side of the pad. A 350' long silt fence will be placed along the north side of the pad. The reserve pit will be lined with minimum 12 mil plastic. Gravel will be hauled from town.

#### 7. WASTE DISPOSAL

All trash will be placed in a trash cage. When full, it will be hauled to a state approved landfill. There will be no trash burning or disposal of trash in the reserve pit. Chemical toilets will be used for human waste. Their contents will be disposed of in state approved facilities.

#### 8. ANCILLARY FACILITIES

There will be no airstrip or formal camp. Camper trailers will be on site for the company man, roughnecks, mud logger, tool pusher, etc.

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#### 9. WELL SITE LAYOUT

See PAGES 11-13 for depictions of the well pad, cross sections, cut and fill diagrams, reserve pit, burn pit, access road onto the pad, parking, living facilities, and rig orientation.

#### 10. RECLAMATION

After completing drilling, the well site and immediate area will be cleared of all debris and material not needed for production.

Reclamation will start when the reserve pit is dry. At least 2' of cover will be placed on the reserve pit. All areas not needed for production will be backfilled, recontoured to match natural contours, and reserved topsoil and brush evenly spread. If the well is a producer, then enough topsoil will be kept aside to reclaim the rest of the pad. Disturbed areas will be ripped, harrowed, or scarified on the contour before seeding. All reclaimed areas will be broadcast seeded in late fall or winter with seed mixes specified by the state. Seeded areas will be left rough and lightly harrowed or drug with a chain after seeding. Silt fence will be maintained until the revegetation is successful.

#### 11. SURFACE OWNER

All construction is on private land owned by John Marshall, Trustee in Trust for the Dean Shimmin Trust. Contact is Dean Shimmin @ (801) 375-2002.

#### 12. OTHER INFORMATION

Castlevew Hospital is a ~40 minute drive away in Price on 590 East 100 North. Their phone number is (435) 637-4800.

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Sec. 12, T. 12 S., R. 10 E.  
Carbon County, Utah

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### 13. REPRESENTATION

Anyone having questions concerning the APD should contact:


Brian Wood  
Permits West, Inc.  
37 Verano Loop  
Santa Fe, NM 87505  
(505) 466-8120 FAX: (505) 466-9682 Mobile: (505) 699-2276

The field representative during drilling will be:

Larry Sessions  
J. M. Huber Corporation  
441 S. Carbon Ave. Unit #4 (temporary address until office established)  
Price, Ut. 84501  
(435) 820-6359 FAX (435) 637-4498 Mobile: (702) 232-2790

I hereby certify J. M. Huber Corporation has the necessary consents from the proper lease and unit interest owners to conduct lease and unit operations in conjunction with this APD. Bond coverage *per* 43 CFR 3104 for lease activities is being provided by J. M. Huber Corporation.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with operations proposed herein will be performed by J. M. Huber Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

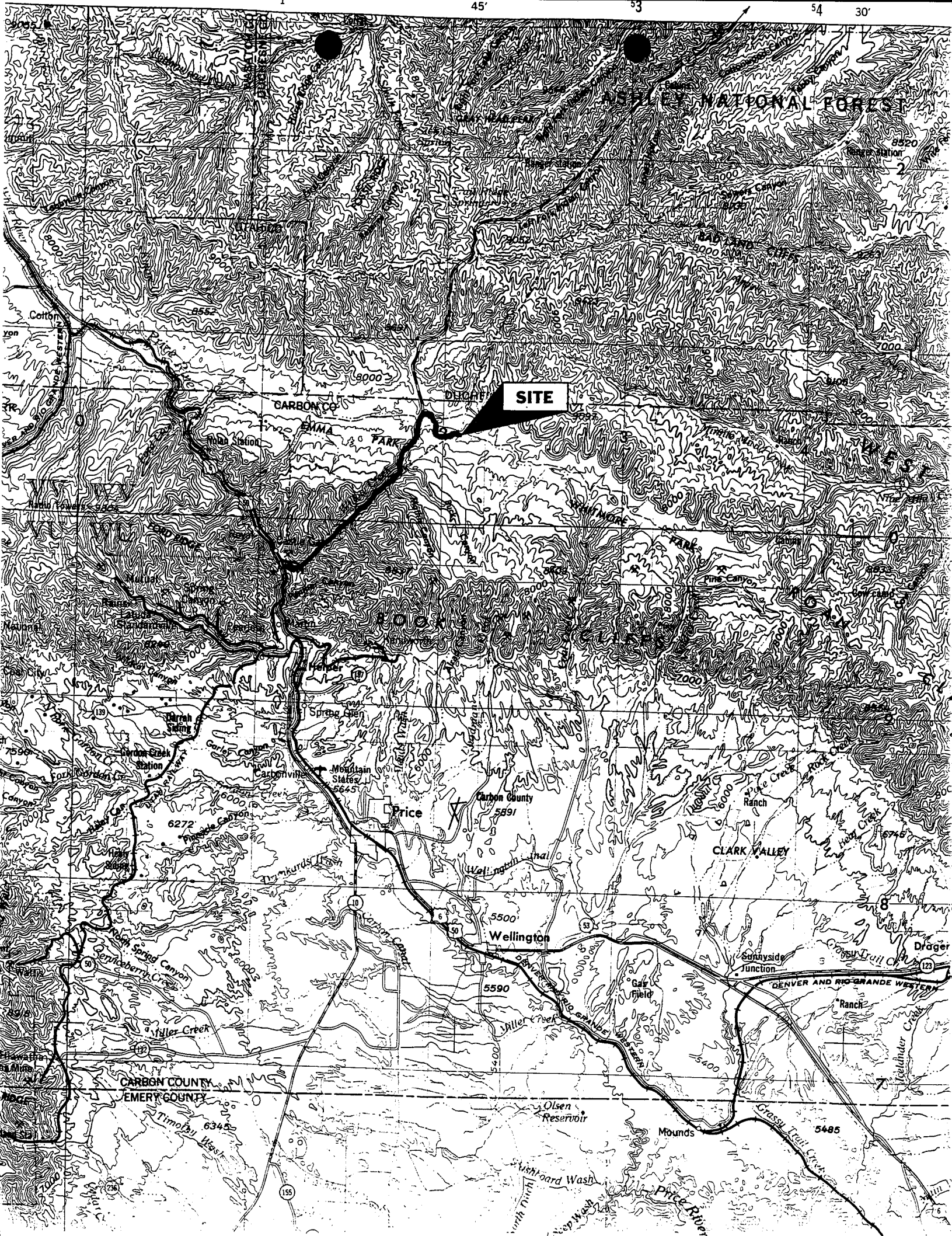


Brian Wood, Consultant

January 19, 2001

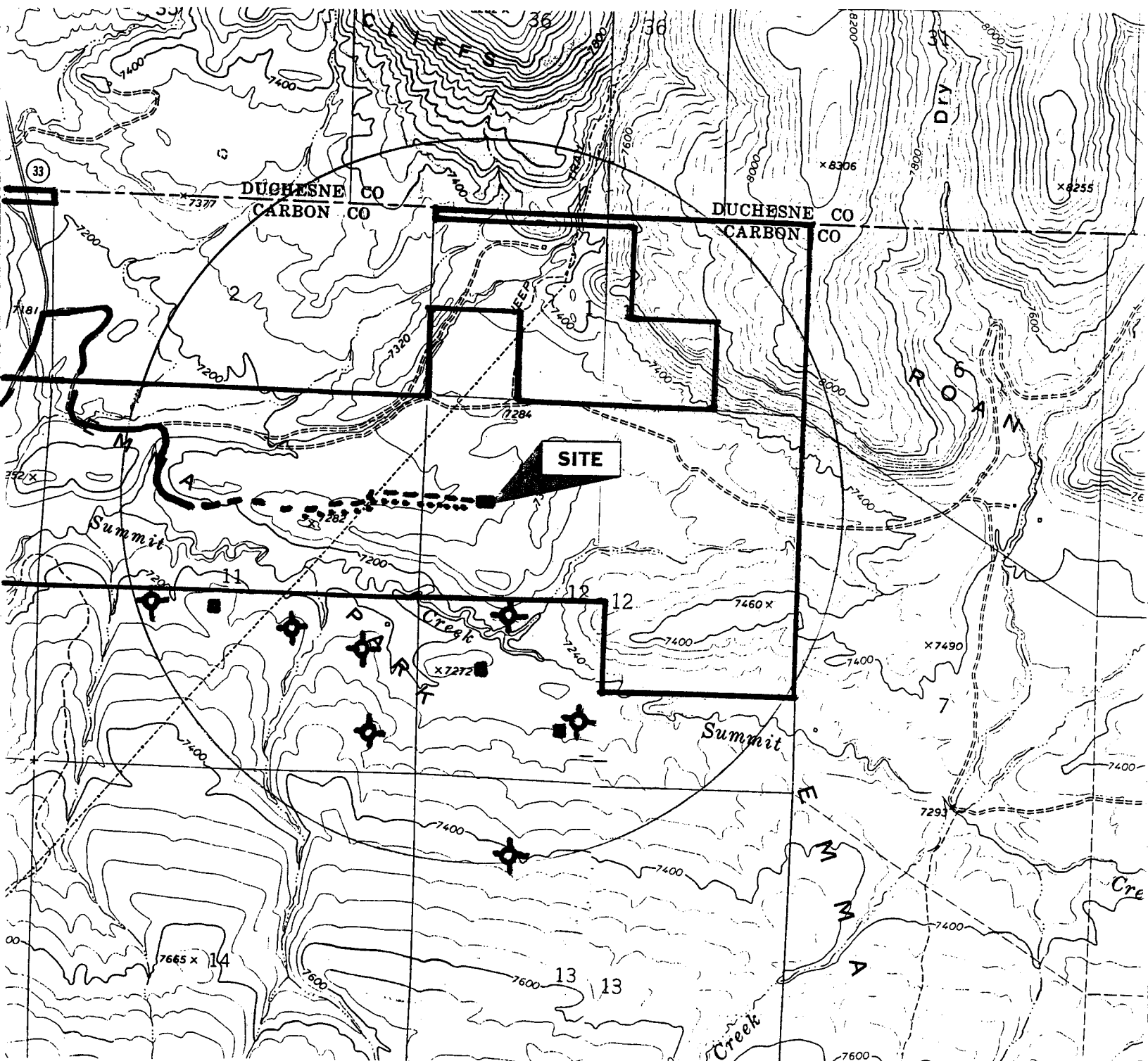
Date

JAN 23 2001



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Huber-Shimmin Trust/Federal 2-12  
1445' FNL & 965' FWL  
Sec. 12, T. 12 S., R. 10 E.  
Carbon County, Utah

PAGE 10



PROPOSED WELL: ■

EXISTING WELL: ■

P&A WELL: ⊕

LEASE: └

PROPOSED ROAD: - - -

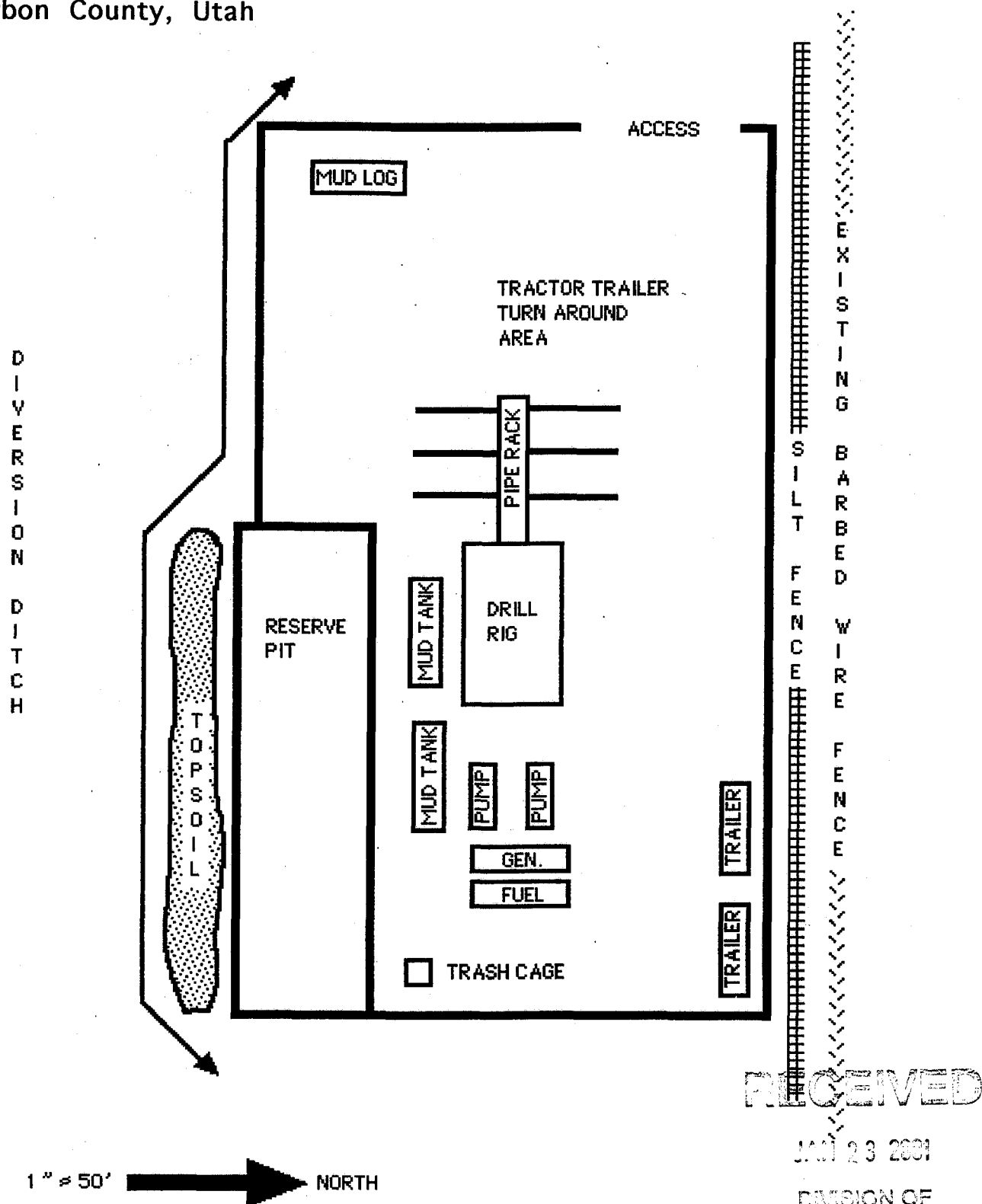
EXISTING ROAD: ~

PROPOSED PIPELINE: . . .

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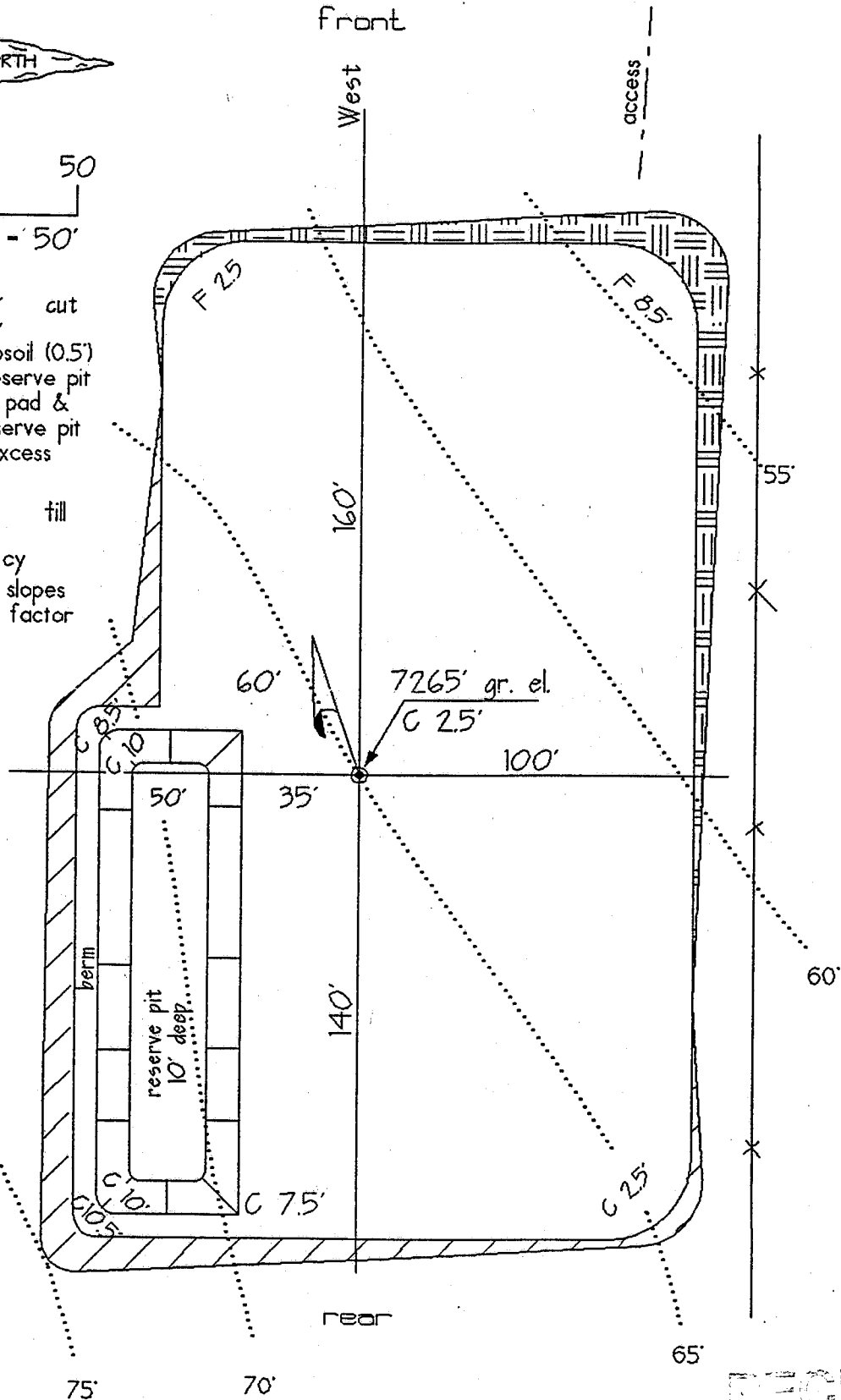
0' 50'  
Scale 1" = 50'

cut

1150 cy topsoil (0.5')  
1758 cy reserve pit  
459 cy pad &  
above reserve pit  
1095 excess

till

2580 cy  
assumed H slopes  
20% shrink factor

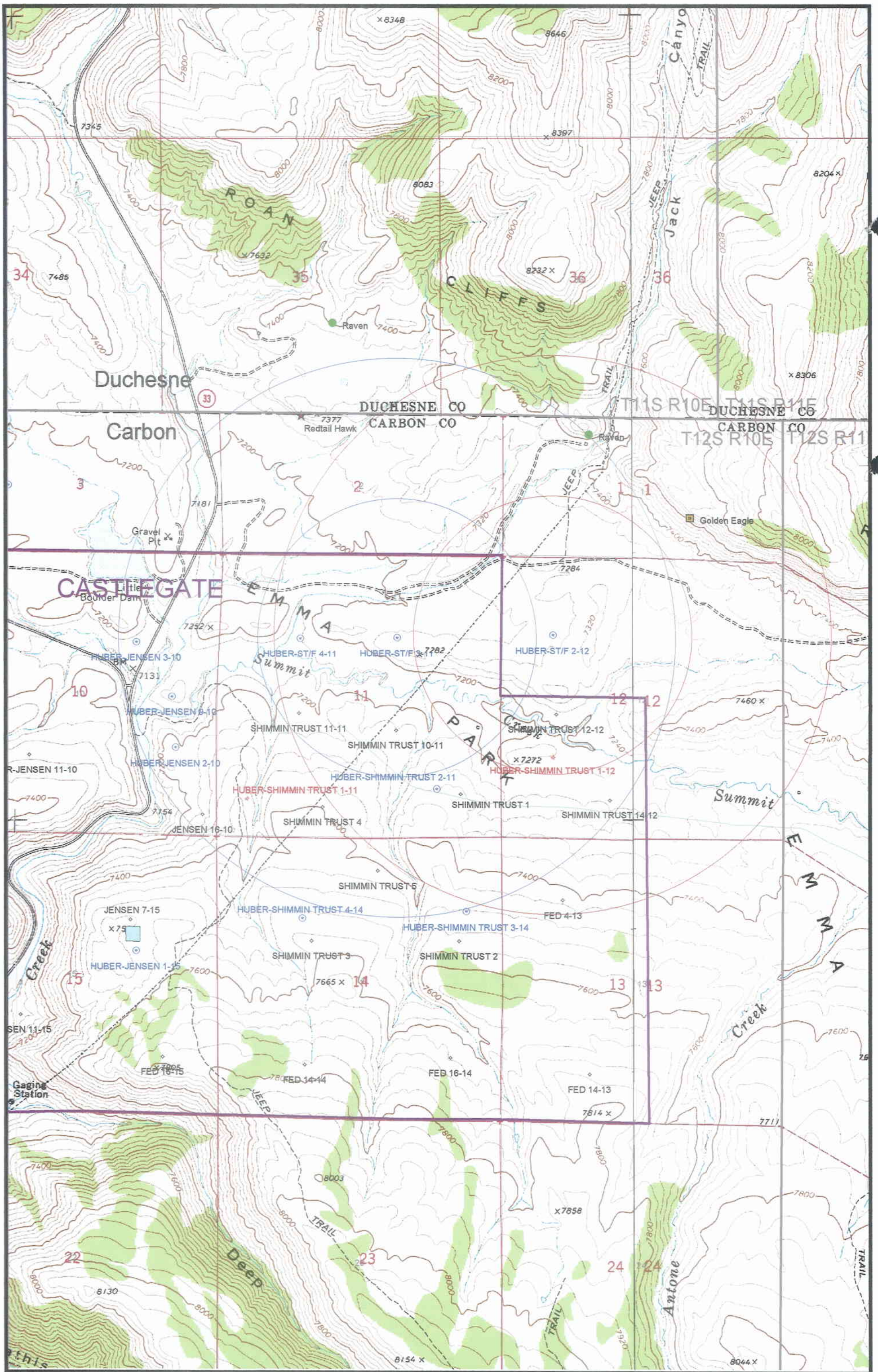


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WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 01/23/2001

API NO. ASSIGNED: 43-007-30758

WELL NAME: HUBER-ST/F 2-12OPERATOR: J M HUBER CORPORATION ( N2380 )CONTACT: BRIAN WOOD, AGENTPHONE NUMBER: 505-466-8120

## PROPOSED LOCATION:

SWNW 12 120S 100E

SURFACE: 1445 FNL 0965 FWL

BOTTOM: 1445 FNL 0965 FWL

CARBON

UNDESIGNATED ( 2 )

LEASE TYPE: 1-FederalLEASE NUMBER: UTU-65948SURFACE OWNER: 4-FeePROPOSED FORMATION: BLKHK

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

## RECEIVED AND/OR REVIEWED:

☒ Plat  
☒ Bond: Fed<sup>Y</sup> Ind[] Sta[] Fee[]  
 (No. 928-70-95 )  
☐ Potash (Y/N)  
☐ Oil Shale (Y/N) \*190-5 (B) or 190-3  
☒ Water Permit  
 (No. 91-4983 )  
☐ RDCC Review (Y/N)  
 (Date: \_\_\_\_\_ )  
☒ Fee Surf Agreement (Y/N)

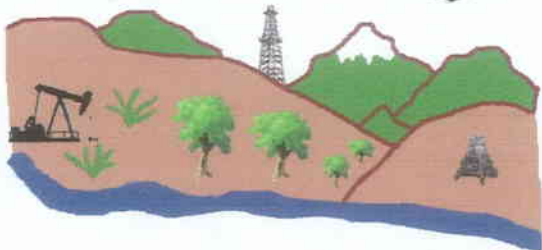
## LOCATION AND SITING:

       R649-2-3. Unit \_\_\_\_\_  
       R649-3-2. General  
       Siting: 460 From Qtr/Qtr & 920' Between Wells  
☒ R649-3-3. Exception  
       Drilling Unit  
       Board Cause No: \_\_\_\_\_  
       Eff Date: \_\_\_\_\_  
       Siting: \_\_\_\_\_  
       R649-3-11. Directional Drill

COMMENTS: Need Presite. (Conducted 3-2-01)

STIPULATIONS: ① STATEMENT OF BASIS  
② FEDERAL APPROVAL





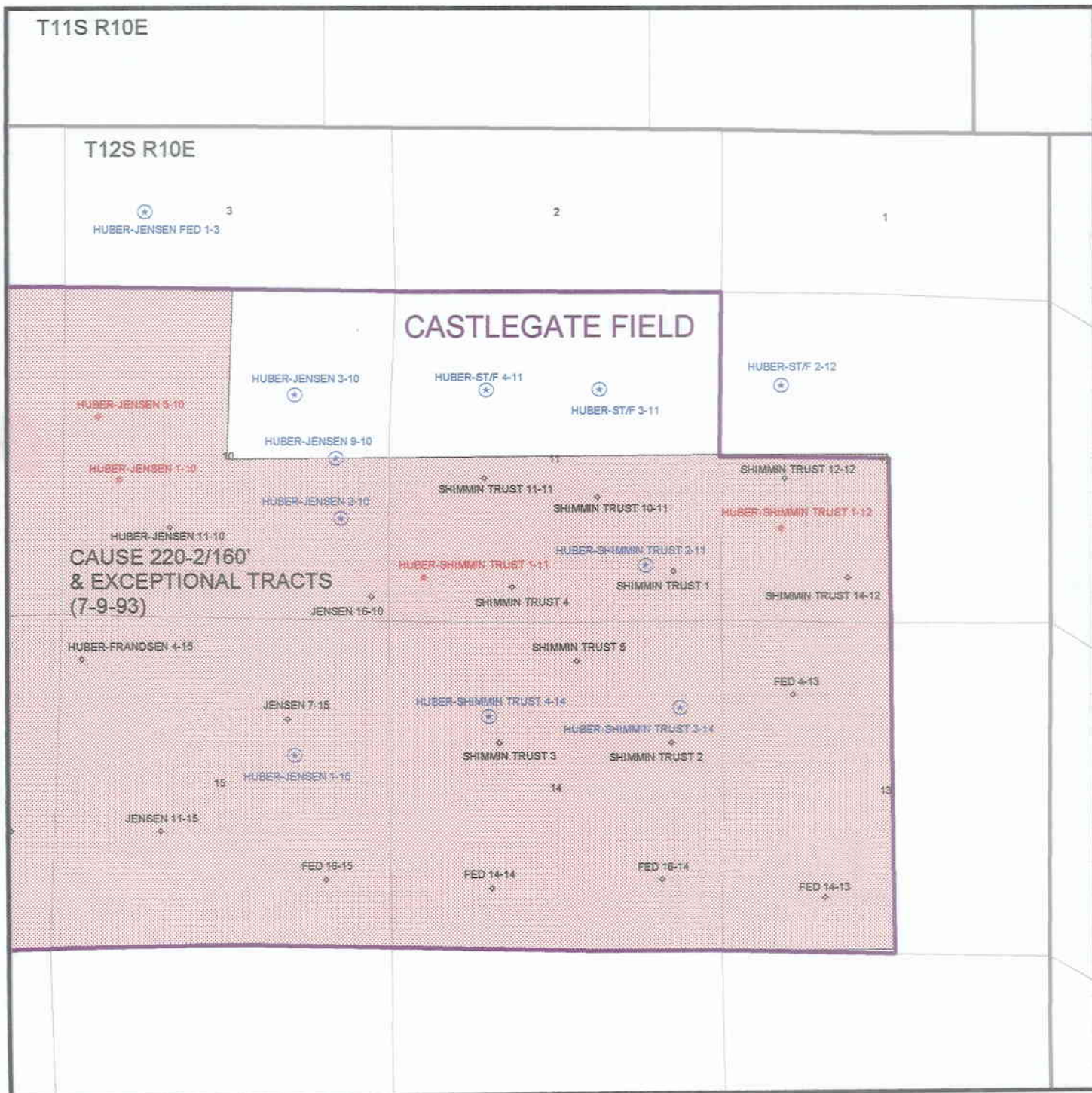
Utah Oil Gas and Mining

OPERATOR: J M HUBER CORP (N2380)

FIELD: UNDESIGNATED (002)

SEC. 12, T12S, R10E,

COUNTY: CARBON SPACING: R649-3-3/EX LOC



## DIVISION OF OIL, GAS AND MINING

### APPLICATION FOR PERMIT TO DRILL STATEMENT OF BASIS

Operator Name: J. M. Huber  
Name & Number: Huber-Shimmin Trust 2-12  
API Number: 43-007-30758  
Location: 1/4, 1/4 SW NW Sec. 12 T. 12 S R. 10 E County Carbon

#### Geology/Ground Water:

The setting depth of the surface casing in this well is proposed for 500' cemented back to surface with 438 cubic feet of premium class G cement. There are 29 points of diversion within 1 mile of this location, which were developed by parties drilling in the area, some have priority dates back to 1860, most of these are municipal and the majority are wells that are completed in the Blackhawk coal. A search made of the records at water rights showed that no water from active water wells is being produced from below 385', and that 500' of surface casing will cover this zone. The several springs and diversions along Summit Creek will not be impacted by new work on this well, and are protected by the surface casing and the cement at the bottom of the long string.

Reviewer: K. Michael Hebertson Date: 2/March/2001

#### Surface:

The surface owner was has been contacted and expressed no concerns about the use of this location. Overall he was happy with the operators' proposal. The surface owner was also made aware of the winter range and habitat concerns expressed by DWR and the active Sage Grouse strutting area that has been identified by DWR. He was not sympathetic to their request and has no interest in holding up work for the time frames requested. After meetings with the BLM about the position of the well and location of the pad the surface owner settled for the present site and had no other comments.

Reviewer: K. Michael Hebertson Date: 2/March /2001

#### Conditions of Approval/Application for Permit to Drill:

1. Existing culverts will be cleaned and maintained and new culverts of sufficient size and length will be installed and maintained so as not to inhibit natural water flow, where necessary.
2. A berm will be placed at the base of the cut and fill slopes at this location.
3. A synthetic liner with a minimum thickness of 12 mils shall be properly installed and maintained in the reserve pit.

**ON-SITE PREDRILL EVALUATION**  
**Division of Oil, Gas and Mining**

OPERATOR: J.M. Huber

WELL NAME & NUMBER: Huber-Shimmin #2-12

API NUMBER: 43-007-30758

LEASE: FEE PRIVATE FIELD/UNIT: Undesignated (002)

LOCATION: 1/4, 1/4 SW NW Sec: 12 TWP: 12S RNG: 10E 1445 FNL 965 FWL  
LEGAL WELL SITING: 460 F SEC. LINE; 460 F 1/4, 1/4 LINE; 920 F ANOTHER WELL.  
GPS COORD (UTM): X=520,942 E ; Y=4,405,520 N SURFACE OWNER: Dean Shimmin

PARTICIPANTS

Mike Hebertson (DOGM) Larry Sessions (Huber) Brian Wood (Permits West)

REGIONAL/LOCAL SETTING & TOPOGRAPHY

This well is located on the second bench of the Wasatch Plateau about 3 miles south of the Roan Cliffs, in the area known as Emma Park. Mathis Canyon is to the south of the location about 2 miles and Willow Creek is a major active flowing stream to the west about 1 1/4 miles which flows to the south down Price Canyon. Other drainages intersect the major secondary and primary system flowing generally north and then west until they meet Willow Creek, thence to the Price River. The whole of Emma Park is open Sage Brush meadow with interspersed grass lands. The surface is of Tertiary & Cretaceous age rocks from the Flagstaff Limestone and the North Horn Formation. The Flagstaff is of lacustrine origin and the North Horn is of a fluvial origin.

SURFACE USE PLAN

CURRENT SURFACE USE: Open range wildlife and livestock use.

PROPOSED SURFACE DISTURBANCE: A location 300 X 200 including an inboard pit 50 X 140 X 10. The access road will enter the pad on the northwest corner. No new access road is required.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: There are 6 P&A wells within one mile, all of which were drilled to the Blackhawk. Two new wells completed to the Blackhawk Coal and seven proposed locations.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: Will follow the roads and already established corridors in the abandoned field area. Pipelines and power lines are still in place from previous work.

SOURCE OF CONSTRUCTION MATERIAL: Borrowed from the construction of the location. A commercial supplier will be used for the gravel pad.

ANCILLARY FACILITIES: These are already in place.

WASTE MANAGEMENT PLAN:

Portable chemical toilets which will be emptied into the municipal waste treatment system; garbage cans on location will be emptied into centralized dumpsters which will be emptied into an approved landfill. No crude oil is expected to be produced. Drilling fluid, completion / frac fluid and cuttings will be buried in the pit after evaporation and slashing the pit liner. Used oil from drilling operations and support is hauled to a used oil re-cycler and re-used. Produced water will be disposed of at an approved facility.

#### ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: The location is on a tributary drainage that supplies Willow Creek about 1 mile east. This area will be protected with berms ditches and silt fences.

FLORA/FAUNA: Deer, Elk, Moose, Cougar, Eagles, Hawks, Other indigenous bird species, Aspen, varieties of grasses, Sage Brush, Rabbit Brush.

SOIL TYPE AND CHARACTERISTICS: Clay dark tan or red-brown color, sandy in places.

SURFACE FORMATION & CHARACTERISTICS: Flagstaff Limestone interbedded with the North Horn Formation which varies from a conglomerate to thinly bedded sandstone.

EROSION/SEDIMENTATION/STABILITY: No stability, problems, and only minor erosion problems exist on the location these will be mitigated by planting with grasses on the margins of the pad.

PALEONTOLOGICAL POTENTIAL: Not required.

#### RESERVE PIT

CHARACTERISTICS: The pit will be 140 X 50 X 10 or 12,500 BBLs

LINER REQUIREMENTS (Site Ranking Form attached): A synthetic liner will be required.

#### SURFACE RESTORATION/RECLAMATION PLAN

Already signed and executed.

SURFACE AGREEMENT: Has been executed.

CULTURAL RESOURCES/ARCHAEOLOGY: Not required

#### OTHER OBSERVATIONS/COMMENTS

This is a new location in an old field, the surface is private and the mineral lease is Federal. The location was moved twice, by the Feds, to insure visual impact limitations, however the surface owner objected to placing the pad in his pasture area and the location was moved to the current spot. The access road will be cut into a hillside from the existing field road and may cause minimal erosion problem, however stability of the side slope will be a larger issue. The surface owner was contacted and could not attend, however he had no other stipulations with the location of this well.

#### ATTACHMENTS:

Photos of the location will be supplied by Permits West.

K. Michael Hebertson  
DOGM REPRESENTATIVE

2/March/2001/ 11:30 AM  
DATE/TIME

**Evaluation Ranking Criteria and Ranking Score  
For Reserve and Onsite Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>10</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>5</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>15</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid	15	
containing significant levels of hazardous constituents	20	<u>5</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>5</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>10</u>

**Final Score**

50

(Level I Sensitivity)



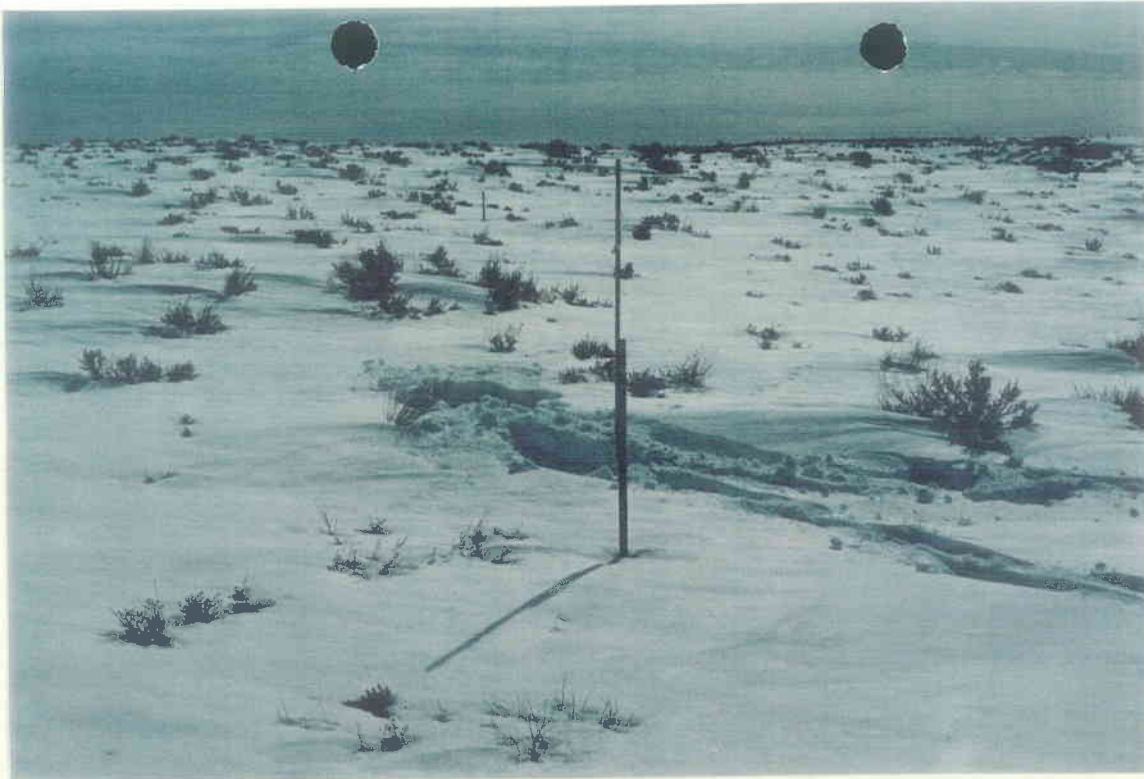


LOOKING NORTH AT HUBER-SHIMMIN/FEDERAL 2-12 CENTER STAKE  
AND TOWARD DOGHOUSE SIDE.  
FENCE IN BACKGROUND.



LOOKING EAST AT CENTER STAKE.

43-009-30758



LOOKING SOUTH AT CENTER STAKE & TOWARD RESERVE PIT.

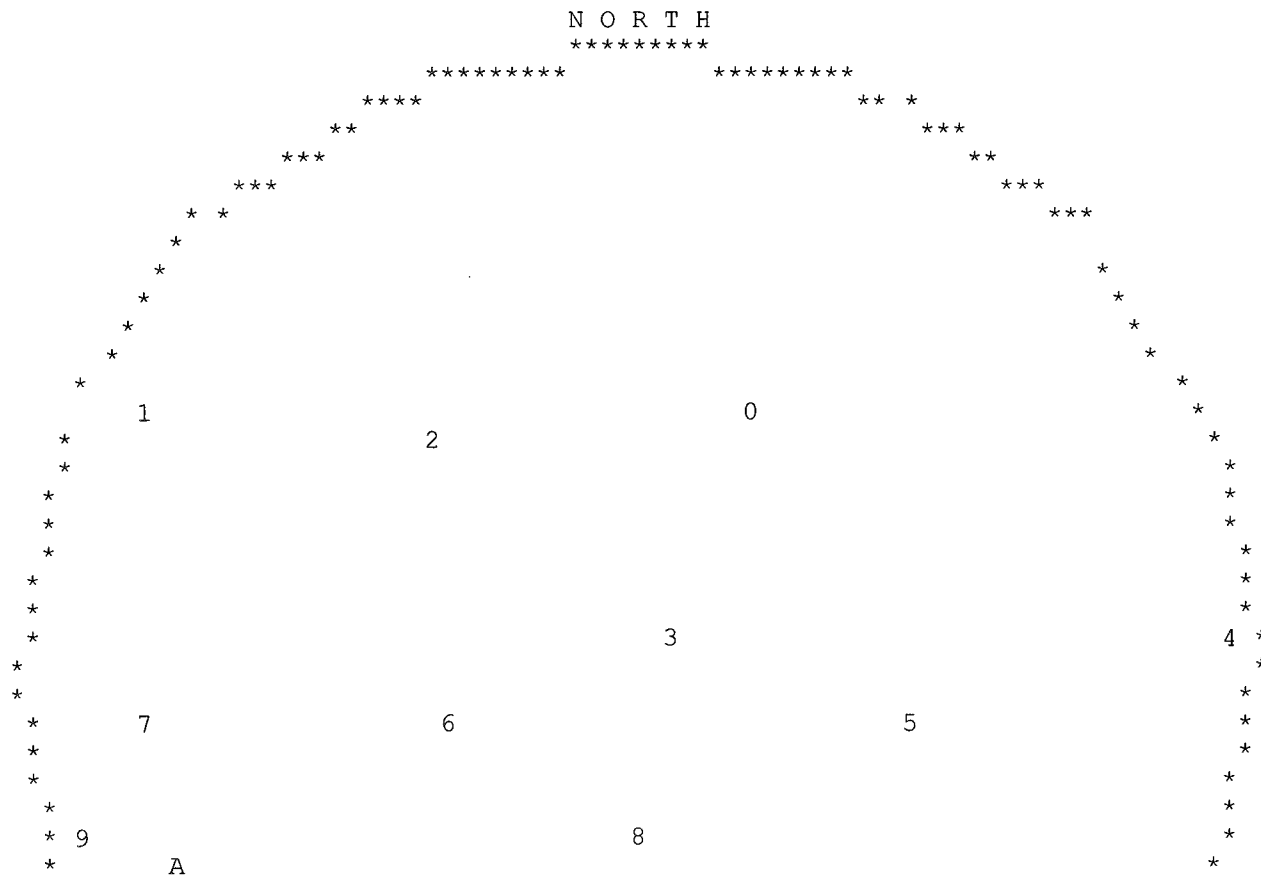


LOOKING WEST AT CENTER STAKE.  
ACCESS WILL FOLLOW FENCE IN RIGHT BACKGROUND.

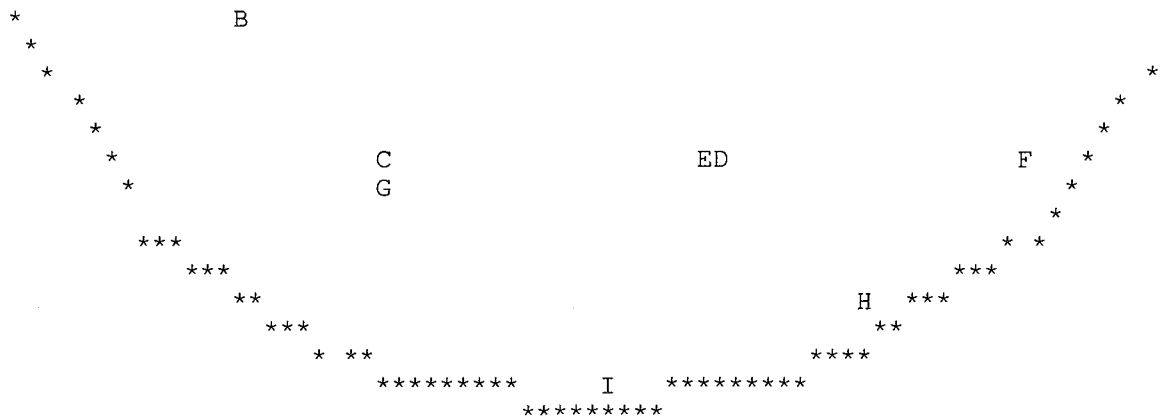
UTAH DIVISION OF WATER RIGHTS  
WATER RIGHT POINT OF DIVERSION PLOT CREATED WED, FEB 28, 2001, 2:02 PM  
PLOT SHOWS LOCATION OF 29 POINTS OF DIVERSION

PLOT OF AN AREA WITH A RADIUS OF 5280 FEET FROM A POINT  
S 1445 FEET, E 965 FEET OF THE NW CORNER,  
SECTION 12 TOWNSHIP 12S RANGE 10E SL BASE AND MERIDIAN

PLOT SCALE IS APPROXIMATELY 1 INCH = 2000 FEET







UTAH DIVISION OF WATER RIGHTS  
NWPLAT POINT OF DIVERSION LOCATION PROGRAM

MAP CHAR	WATER RIGHT	CFS	QUANTITY AND/OR	AC-FT	SOURCE DESCRIPTION	or WELL INFO	POINT OF DIVERSION	DESCRIPTION								
					DIAMETER	DEPTH	YEAR LOG	NORTH	EAST	CNR	SEC	TWN	RNG	B&M		
0	<u>91 4823</u>	10.0000		.00	Underground Wells			N	700	E	1850	SW	1	12S	10E	SL
			WATER USE(S): MUNICIPAL									PRIORITY	DATE: 04/23/19			
			Price River Water Improvement District										Price			
1	<u>91 4823</u>	10.0000		.00	Underground Wells			N	650	E	2000	SW	2	12S	10E	SL
			WATER USE(S): MUNICIPAL									PRIORITY	DATE: 04/23/19			
			Price River Water Improvement District										Price			
2	<u>91 4823</u>	10.0000		.00	Underground Wells			N	550	W	850	SE	2	12S	10E	SL
			WATER USE(S): MUNICIPAL									PRIORITY	DATE: 04/23/19			
			Price River Water Improvement District										Price			
3	<u>91 4823</u>	10.0000		.00	Underground Wells			S	1100	E	1200	NW	12	12S	10E	SL
			WATER USE(S): MUNICIPAL									PRIORITY	DATE: 04/23/19			

		Price River Water Improvement District	P.O. Box 903							Price
4	91 4823	10.0000	.00	Underground Wells	S	1200	E	650	NW 7 12S 11E SL	
		WATER USE(S): MUNICIPAL							PRIORITY DATE: 04/23/19	
		Price River Water Improvement District P.O. Box 903							Price	
5	91 4823	10.0000	.00	Underground Wells	S	1900	W	2050	NE 12 12S 10E SL	
		WATER USE(S): MUNICIPAL							PRIORITY DATE: 04/23/19	
		Price River Water Improvement District P.O. Box 903							Price	
6	91 4823	10.0000	.00	Underground Wells	S	2000	W	600	NE 11 12S 10E SL	
		WATER USE(S): MUNICIPAL							PRIORITY DATE: 04/23/19	
		Price River Water Improvement District P.O. Box 903							Price	
7	91 4823	10.0000	.00	Underground Wells	S	2000	E	2100	NW 11 12S 10E SL	
		WATER USE(S): MUNICIPAL							PRIORITY DATE: 04/23/19	
		Price River Water Improvement District P.O. Box 903							Price	
8	91 4830	2.0000	.00	6 3800 - 5000	N	2340	E	1033	SW 12 12S 10E SL	
		WATER USE(S): IRRIGATION STOCKWATERING MUNICIPAL POWER OTHER							PRIORITY DATE: 08/26/19	
		PG&E Resources Company 6688 No. Central Expressway							Dallas	
8	91 4983	.1600	.00	5 4702	N	2340	E	1033	SW 12 12S 10E SL	
		WATER USE(S): IRRIGATION OTHER							PRIORITY DATE: 04/30/19	
		Anadarko Petroleum Corporation 9400 North Broadway							Oklahoma City	
9	91 4830	2.0000	.00	6 3800 - 5000	N	2313	E	1501	SW 11 12S 10E SL	
		WATER USE(S): IRRIGATION STOCKWATERING MUNICIPAL POWER OTHER							PRIORITY DATE: 08/26/19	
		PG&E Resources Company 6688 No. Central Expressway							Dallas	
9	91 4983	.1600	.00	7 4905	N	2313	E	1501	SW 11 12S 10E SL	
		WATER USE(S): IRRIGATION OTHER							PRIORITY DATE: 04/30/19	
		Anadarko Petroleum Corporation 9400 North Broadway							Oklahoma City	
A	a24220	.0000	2.00	6 365	N	2143	E	2362	SW 11 12S 10E SL	
		WATER USE(S): DOMESTIC STOCKWATERING OTHER							PRIORITY DATE: 03/02/20	
		Price River Water User's Association 90 North 100 East #1							Price	
		D.C. Shimmin Trust 2002 North 1450 East							Provo	
A	a24893	.0000	9.00	8 100 - 1000	N	2143	E	2362	SW 11 12S 10E SL	
		WATER USE(S): DOMESTIC OTHER							PRIORITY DATE: 01/10/20	
		Price River Water User's Association 90 North 100 East #1							Price	
		J.M. Huber Corporation 1050 17th Street Suite 1850							Denver	
B	91 4830	2.0000	.00	6 3800 - 5000	N	1999	W	2006	SE 11 12S 10E SL	
		WATER USE(S): IRRIGATION STOCKWATERING MUNICIPAL POWER OTHER							PRIORITY DATE: 08/26/19	
		PG&E Resources Company 6688 No. Central Expressway							Dallas	

B	<u>91 4983</u>	.1600	.00	7	4990	N	1999	W	2066	SE 11 12S 10E SL	PRIORITY DATE: 04/30/19
	WATER USE(S): IRRIGATION OTHER				9400 North Broadway					Oklahoma City	
C	<u>91 4830</u>	2.0000	.00	6	3800 - 5000	N	793	W	780	SE 11 12S 10E SL	PRIORITY DATE: 08/26/19
	WATER USE(S): IRRIGATION STOCKWATERING MUNICIPAL POWER OTHER				6688 No. Central Expressway					Dallas	
C	<u>91 4983</u>	.1600	.00	5	4411	N	793	W	780	SE 11 12S 10E SL	PRIORITY DATE: 04/30/19
	WATER USE(S): IRRIGATION OTHER				9400 North Broadway					Oklahoma City	
D	<u>91 4830</u>	2.0000	.00	6	3800 - 5000	N	721	E	2047	SW 12 12S 10E SL	PRIORITY DATE: 08/26/19
	WATER USE(S): IRRIGATION STOCKWATERING MUNICIPAL POWER OTHER				6688 No. Central Expressway					Dallas	
D	<u>91 4983</u>	.1600	.00	5	4490	N	721	E	2047	SW 12 12S 10E SL	PRIORITY DATE: 04/30/19
	WATER USE(S): IRRIGATION OTHER				9400 North Broadway					Oklahoma City	
E	<u>a24893</u>	.0000	9.00	8	100 - 1000	N	681	E	1896	SW 12 12S 10E SL	PRIORITY DATE: 01/10/20
	WATER USE(S): DOMESTIC OTHER				90 North 100 East #1					Price	
	Price River Water User's Association				1050 17th Street Suite 1850					Denver	
E	<u>91 4823</u>	10.0000	.00		Underground Wells	N	650	E	1900	SW 12 12S 10E SL	PRIORITY DATE: 04/23/19
	WATER USE(S): MUNICIPAL				P.O. Box 903					Price	
E	<u>a18108</u>	.0000	18.00	5	85	<u>N</u>	N	606	E	1894	SW 12 12S 10E SL
	WATER USE(S): IRRIGATION DOMESTIC STOCKWATERING				90 North 100 East #1					Price	PRIORITY DATE: 08/30/19
	Price River Water User's Association				2002 North 1450 East Street					Provo	
	Shimmin, D.C. (Trust)										
F	<u>91 4823</u>	10.0000	.00		Underground Wells	N	600	W	700	SE 12 12S 10E SL	PRIORITY DATE: 04/23/19
	WATER USE(S): MUNICIPAL				P.O. Box 903					Price	
G	<u>91 4823</u>	10.0000	.00		Underground Wells	N	450	W	800	SE 11 12S 10E SL	PRIORITY DATE: 04/23/19
	WATER USE(S): MUNICIPAL				P.O. Box 903					Price	
	Price River Water Improvement District										
H	<u>91 4823</u>	10.0000	.00		Underground Wells	S	600	W	1950	NE 13 12S 10E SL	PRIORITY DATE: 04/23/19
	WATER USE(S): MUNICIPAL				P.O. Box 903					Price	
	Price River Water Improvement District										
I	<u>91 4823</u>	10.0000	.00		Underground Wells	S	1150	E	1100	NW 13 12S 10E SL	PRIORITY DATE: 04/23/19
	WATER USE(S): MUNICIPAL										

	Price River Water Improvement District	P.O. Box 903		Price
I 91 4830	2.0000	.00	6	3800 - 5000
	WATER USE(S): IRRIGATION STOCKWATERING MUNICIPAL POWER OTHER			S 1174 E 1168 NW 13 12S 10E SL
	PG&E Resources Company			6688 No. Central Expressway
				PRIORITY DATE: 08/26/19
				Dallas
I 91 4983	.1600	.00	5	4402
	WATER USE(S): IRRIGATION OTHER			S 1174 E 1168 NW 13 12S 10E SL
	Anadarko Petroleum Corporation			9400 North Broadway
				PRIORITY DATE: 04/30/19
				Oklahoma City

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**ENERGY**

A FAMILY OF SOLUTIONS

**J.M. Huber Corporation**

March 9, 2001

1050-17<sup>th</sup> Street  
Suite 1850  
Denver, CO 80265  
phone: (303) 825-7900  
fax: (303) 825-8300  
e-mail: dvjsz@huber.com  
www.huber.com

Ms. Lisha Cordova  
Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Salt Lake City, Utah 84114-5801

Dear Lisha:

Enclosed is the original signed affidavit of completion of surface use agreement between J. M. Huber Corporation and Dean Shimmin for the Huber-Shimmin/Federal 2-12 well located in Carbon County, Utah.

Thank you for your assistance in this matter. If you have any questions, please call me at (303) 825-7900.

Sincerely,

T. Reed Scott  
Consulting Engineer

Attachment

**RECEIVED**

MAR 12 2001

DIVISION OF  
OIL, GAS AND MINING



A FAMILY OF SOLUTIONS

J.M. Huber Corporation

1050-17<sup>th</sup> Street  
Suite 1850  
Denver, CO 80265  
phone: (303) 825-7900  
fax: (303) 825-8300  
e-mail: dvjsz@huber.com  
www.huber.com


March 8, 2001

## Affidavit of Completion of Surface Use Agreement

On April 17, 2000 a written surface use agreement was entered into between J. M. Huber Corporation and Dean Shimmin for the use of land connected with the Huber-Shimmin/Federal 2-12 well located in Carbon County, Utah.

We will abide by the conditions as stated in the Surface Use Agreement.

On behalf of J. M. Huber Corporation:

  
Scott Zimmerman  
Manager - Coalbed Methane Business Unit

Date: 3/8/01

State of Colorado)

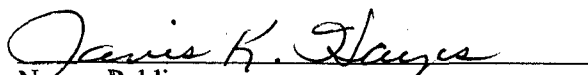
ss

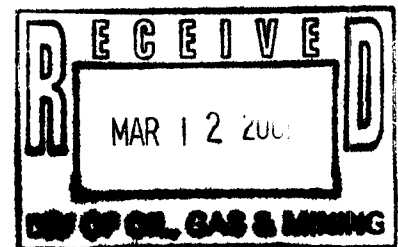
County of Denver)

Subscribed and sworn to before me this 8th day of March 2001 by Scott Zimmerman.

Witness my hand and notarial seal.

My commission expires: 4-2-02

  
Notary Public





State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Kathleen Clarke  
Executive Director

Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

March 15, 2001

J. M. Huber Corporation  
1050 - 17th St, Suite 700  
Denver, CO 80265

Re: Huber-Shimmin Trust/Federal 2-12 Well, 1445' FNL, 965' FWL, SW NW, Sec. 12,  
T. 12 South, R. 10 East, Carbon County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-007-30758.

Sincerely,

A handwritten signature in cursive script that reads 'John R. Baza'.

John R. Baza  
Associate Director

er

Enclosures

cc: Carbon County Assessor  
Bureau of Land Management, Moab District Office

**Operator:** J. M. Huber Corporation  
**Well Name & Number** Huber-Shimmin Trust/Federal 2-12  
**API Number:** 43-007-30758  
**Lease:** UTU-65948

**Location:** SW NW      **Sec.** 12      **T.** 12 South      **R.** 10 East

### **Conditions of Approval**

**1. General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

**2. Notification Requirements**

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

**3. Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

**4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.**

**5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)**



006

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-65948
2. NAME OF OPERATOR: J. M. HUBER CORPORATION		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 1050 17th ST, #700 CITY DENVER STATE CO ZIP 80265		7. UNIT or CA AGREEMENT NAME: N/A
PHONE NUMBER: 303 825-7900		8. WELL NAME and NUMBER: HUBER-S.T./F. 2-12
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1445 FNL & 965 FWL		9. API NUMBER: 43-007-30758
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 12 12s 10e SL		10. FIELD AND POOL, OR WILDCAT: CASTLEGATE
COUNTY: CARBON		STATE: UTAH

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Renew APD
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Request APD approval be extended another one year.  
Still awaiting BLM approval.

NAME (PLEASE PRINT) BRIAN WOOD		TITLE CONSULTANT		FAX: (505) 466-9682
SIGNATURE <u>Brian Wood</u>		DATE 4-22-02		cc: Erwin, Sessions, Zimmerman

(This space for State use only)

COPY SENT TO OPERATOR  
Date: 04-29-02  
Initials: CHV

(5/2000)

(See Instructions on Reverse Side)

Approved by the  
Utah Division of  
Oil, Gas and MiningDate: 04-29-02  
By: Brian Wood



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Robert L. Morgan  
Executive Director

Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

(801) 538-5340 telephone

(801) 359-3940 fax

(801) 538-7223 TTY

[www.nr.utah.gov](http://www.nr.utah.gov)

June 25, 2003

Brian Wood  
J.M. Huber Corporation  
1050-17<sup>th</sup> St, Suite 700  
Denver, CO 80265

Re: APD Rescinded –Huber-ST/F 2-12, Sec. 12, T. 12S, R. 10E Carbon County, Utah  
API No. 43-007-30758

Dear Mr. Wood:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on March 15, 2001. On April 29, 2002 the Division granted a one-year APD extension. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective June 25, 2003.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason  
Engineering Technician

cc: Well File  
Bureau of Land Management, Moab